Amendments to the Specification:

On page 3, please replace paragraph [0023] as follows:

[0023] FIG. 6 is a flowchart of procedures for authorizing users to access the system of the present invention. In step 61, a system administrator sets different ~~level~~ levels of access authorization for different groups of users, according to actual requirements of the factory. In step 62, an individual user applies for an ID and password. The individual user may be an operator, a foreman, or a supervisor. In step 63, the administrator assigns an ID and password to the individual user. The administrator then selects the groups that the ID is subordinate to, according to the user's job position and needs. In step 64, the administrator decides whether there already are suitable groups available to meet the user's needs. If there are no or insufficient suitable groups available, then in step 65, the administrator sets a new group having a particular level of access authorization, and stores the new group in the database 16. After this, or if there already are suitable groups available, in step 66, the administrator selects the group(s) for the user's ID. The user's ID may be subordinate to several groups, in which case the user's authority is the aggregate of the several groups' authorities.

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